

SUBMISSION OF REPLACEMENT FORMAL DRAWINGS

Submitted herewith is a replacement drawing sheet for Figure 14 in order to label it as
--Prior Art--.

Approval and entry of this replacement drawing sheet is respectfully requested.

REMARKS

In view of the above amendments and the following remarks, reconsideration of the rejections and objections, and further examination are requested.

Claims 1-19 were pending in this application. Claims 1, 2, 4, 5, 7-9, 11 and 16-19 stand rejected. Claims 2, 3, 5, 6, 9, 10, 12-15, 18 and 19 are amended herein, claims 1, 4, 7, 8, 11, 16 and 17 are cancelled herein, and claims 20-28 are added herein. Thus, claims 2, 3, 5, 6, 9, 10, 12-15, 18, and 19-28 are currently pending in this application. No new matter has been added.

The Examiner objected to Figure 14 on the basis that it should be designated by a legend such as --Prior Art--. Moreover, the Examiner objected to the drawings on the basis that the drawings must show every feature of the invention specified in the claims. Specifically, the Examiner asserted that the subject matter recited in claims 16 and 17 must be shown or the features cancelled from the claims. Figure 14 has been amended to include a label --Prior Art--. A new formal Figure 14 has been prepared and is submitted herewith, and includes the change detailed above. Moreover, claims 16 and 17 have been cancelled herein, thus rendering the objection to the drawings based on these claims moot.

The Examiner objected to claim 19 on the basis that "the signal line terminal pattern" should be changed to --a signal line terminal pattern--. Claim 19 has been amended as suggested by the Examiner.

Accordingly, the Applicant respectfully requests that the objection to claim 19 be withdrawn.

Claims 7, 16 and 17 have been rejected under 35 U.S.C. § 112, second paragraph, as being indefinite. Claims 7, 16 and 17 have been cancelled, thus rendering the rejection of these claims moot.

The specification and abstract have been carefully reviewed and revised to make grammatical and idiomatic improvements in order to aid the Examiner in further consideration of the application. A substitute specification and abstract including the revisions have been prepared and are submitted herewith. No new matter has been added. Also submitted herewith are marked-up copies of the substitute specification and abstract indicating the changes incorporated therein.

The Applicant greatly appreciates the Examiner's indication that claims 3, 6, 10 and 12-15 contain allowable subject matter and would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Moreover, the Applicant greatly appreciates the Examiner's indication that claim 17 would also be allowable if rewritten to overcome the 35 U.S.C. § 112, second paragraph rejection, and to include all of the limitations of the base claim and any intervening claims. In view of this indication, claims 3, 6, 10 and 12 have been rewritten in independent form to include all the limitations of the base claim (previously pending claim 1). Moreover, claim 6 has been rewritten to include the limitations of previously pending claim 4, claim 10 has been rewritten to include the limitations of claim 8, and claim 12 has been rewritten to include the limitations of claim 11.

Claims 1, 2, 5, 8, 18 and 19 have been rejected under 35 U.S.C. § 102(b) as being anticipated by Lee (U.S. Patent No. 5,864,260) (hereinafter referred to as "Lee"). Claims 1, 2, 4, 5, 8, 9, 11, 16, 18 and 19 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Taniguchi (JP 2003-051731) in view of Lee.


By virtue of amending the claims as described above, the Applicant respectfully submits that the 35 U.S.C. § 102(b) rejection of claims 1, 2, 5, 8, 18 and 19, and the 35 U.S.C. § 103(a) rejection of claims 1, 2, 4, 5, 8, 9, 11, 16, 18 and 19 have been rendered moot.

In view of the foregoing amendments and remarks, all of the claims now active in this application are believed to be in condition for allowance. Reconsideration and favorable action are respectfully solicited.

Should the Examiner believe there are any remaining issues that must be resolved before this application can be passed to issue, it is respectfully requested that the Examiner contact the undersigned by telephone in order to resolve such issues.

Respectfully submitted,

Nobuo FUSE

By: 
Kevin McDermott
Registration No. 48,113
Attorney for Applicants

KM/JRF/akl
Washington, D.C. 20006-1021
Telephone (202) 721-8200
Facsimile (202) 721-8250
March 31, 2008